

ATTACHMENT 3

PROGRAM DESCRIPTIONS

LOCAL ENERGY EFFICIENCY PROGRAMS

ADM Associates, Inc. – No. 118-02

PROGRAM TITLE:	Mobile Energy Clinic
PROGRAM IMPLEMENTER(S):	ADM Associates
SUBCONTRACTOR(S):	
IOU SERVICE TERRITORY:	Southern California Edison Company (SCE) Southern California Gas Company (SCG)
GEOGRAPHIC AREA:	Not specified
TARGET MARKET:	Small commercial businesses with less than 5000 square feet
IOU CONTRACT ADMINISTRATOR:	SCE
BUDGET APPROVED	\$726,069
SCE	\$486,466
SCG	\$239,603

PROGRAM DESCRIPTION:

This incentive-based program provides low-cost/no cost measures and equipment diagnostics for small businesses. Evaluations of lighting systems will be undertaken and the performance of heating, ventilation, and air conditioning systems will be tested. The program targets owners and operators of small commercial businesses occupying buildings with less than 5000 square feet, with focus on strip malls, small convenience stores, laundromats and non-chain restaurants.

PROGRAM MODIFICATIONS:

This program was proposed for operation in all four utility service territories. We are accepting it only in SCE and SCG territories and have reduced the budget accordingly. Of the total reduced budget, \$486,466 is to be funded from electric public goods charge (PGC) fund and \$239,603 is to be from gas PGC fund.

ADM Associates, Inc. – No. 119-02

PROGRAM TITLE:	Upstream High Efficiency Gas Water Heater Program
PROGRAM IMPLEMENTER(S):	ADM Associates, Inc.
SUBCONTRACTOR(S):	
IOU SERVICE TERRITORY:	Pacific Gas & Electric Company (PG&E)
GEOGRAPHIC AREA:	Various counties in the Bay Area, Central Valley, Sacramento Valley (i.e., from Tehama County in the north to San Benito and Fresno Counties in the south)
TARGET MARKET:	Residential retrofit (appliances); wholesalers and distributors of residential gas water heaters
IOU CONTRACT ADMINISTRATOR:	PG&E
BUDGET APPROVED	\$827,116

PROGRAM DESCRIPTION:

This program aims to increase demand and expand sales of high efficiency gas water heaters (i.e., gas water heaters with an energy factor of 0.61 or higher) in the residential replacement market by providing incentives to participating wholesalers to encourage them to purchase, inventory, and promote these water heaters. Water heaters sold for new construction are excluded from the program. Of the \$10 incentive per unit to be offered under the program, \$7 is to be passed along as an over-the-counter discount to the plumber and \$3 can remain with the wholesaler. The program is an extension of a similar program that ADM has been implementing in the Southern California Gas Company's (SCG) service area since 1999. The program's upstream focus is anticipated to promote high efficiency gas water heaters, as results of the SCG program appear to show.

PROGRAM MODIFICATIONS:

ADM originally proposed to implement this program in both PG&E and SCG territories, but provided no detailed breakdown of the budgets for each utility. Since the program is approved only for the PG&E service area, we require ADM to provide a detailed breakdown of the approved budget in its Program Implementation Plans. If feasible and cost-effective, ADM should consider including hot water pipe insulation as another measure in the program.

ASW Engineering Management Consultants – No. 244-02

PROGRAM TITLE:	Energy Savers Program
PROGRAM IMPLEMENTER(S):	ASW Engineering Management Consultants
SUBCONTRACTOR(S):	Geltz Communications
IOU SERVICE TERRITORY:	Southern California Edison Company (SCE)
GEOGRAPHIC AREA:	Santa Barbara, San Bernandino, Riverside counties, rural areas of LA county
TARGET MARKET:	Non residential comprehensive retrofit, very small to medium businesses
IOU CONTRACT ADMINISTRATOR:	SCE
BUDGET APPROVED	\$2,642,270

PROGRAM DESCRIPTION:

This program targets very small and medium hard-to-reach and underserved businesses in Southern California. The objective of the program is to educate those businesses on the energy efficiency measures, provide no cost audits and offer financial incentives in the form of matching funds to implement the following energy efficiency improvements:

- Energy efficient lighting
- Programmable thermostats
- Air conditioning tune-ups
- Refrigeration tune-ups

The proposed program is built on the 2001 Energy Savers pilot program, but targets hard-to-reach and underserved customers

PROGRAM MODIFICATIONS:

We recommend that ASW hire an independent evaluation, measurement and verification contractor.

Alliance To Save Energy – No. 142-02

PROGRAM TITLE:	Green Schools, Green Communities
PROGRAM IMPLEMENTER(S):	Alliance To Save Energy
SUBCONTRACTOR(S):	Strategic Energy Innovations
IOU SERVICE TERRITORY:	Pacific Gas and Electric (PG&E), Southern California Edison (SCE)
GEOGRAPHIC AREA:	SCE - high desert area and the San Joaquin Valley such as Bakersfield, and/or low-income area such as Compton. PG&E - Area around Chico or urban area such as East Palo Alto
TARGET MARKET:	Non-Residential, targeting HTR low-income schools and administrators, teachers, custodians and students
IOU CONTRACT ADMINISTRATORS:	PG&E and SCE
BUDGET APPROVED	\$1,314,286
PG&E	\$ 438,095
SCE	\$ 876,190

PROGRAM DESCRIPTION:

This is an educational program that focuses on saving energy in schools and helping students understand the link between energy and the environment through behavior modification and operational changes and retrofits in school buildings. The program will involve 45 schools in up to 9 school districts in three geographic areas of SCE and PG&E. The school districts in the program participate in developing a baseline of energy use and commit to returning 50 percent of the resulting savings back to the individual schools. The program is comprehensive and is run by students, faculty, custodians and administrators working together in developing an implementation plan that supports their unique educational needs and priorities. The program targets hard-to-reach and underserved areas where customers do not traditionally participate in energy efficiency programs.

American Synergy/Cal Ucons, Inc. –No. 171-02

PROGRAM TITLE:	Comprehensive Hard-to-Reach Residential and Small Commercial Energy Savings Program
PROGRAM IMPLEMENTER(S):	American Synergy/Cal Ucons, Inc.
SUBCONTRACTOR(S):	Robert Mowris & Associates
IOU SERVICE TERRITORY:	Southern California Edison Company (SCE) and Southern California Gas Company (SCG)
GEOGRAPHIC AREA:	Riverside and San Bernardino Counties for mobile homes only
TARGET MARKET:	Hard-to-Reach Residential Customers
IOU CONTRACT ADMINISTRATOR:	SCE
BUDGET APPROVED	\$2,980,952
SCE	\$1,985,314
SCG	\$ 995,638

PROGRAM DESCRIPTION:

This comprehensive program provides education and no cost installation of the following measures to hard-to-reach residential customers in mobile homes and multi family dwellings and small commercial customers: (a) shell infiltration around windows, doors, gaskets, caulking and weather stripping; (b) lighting, both compact fluorescent lamps (CFLs) and hard wired CFL fixtures; (c) water heating (low flow showerheads, aerators, pipe wrap and tank wraps, temp setback); (d) set back thermostats; (e) water heater timers; and (f) enhanced duct sealing. The measures are estimated to provide sustainable energy savings from eight (8) to twenty (20) years.

PROGRAM MODIFICATIONS:

This program was proposed to target hard-to-reach residential customers and small commercial customers. We recommend modifying the program to focus on mobile home residential customers only in Riverside and San Bernardino Counties; budget is reduced from \$9.3 million to \$2,980,952. The budget is allocated in the following manner: \$1,985,314 from SCE public goods charge (PGC) fund and \$995,638 from SCG PGC fund. Pacific Gas and Electric Company commented on performing Combustion Appliance Safety Test involving air infiltration measures. To ensure that energy

efficiency measures do not decrease health/safety of customers, we require that the proposal be consistent with the utility's minimum requirement on Combustion Appliance Safety test or other similar measures.

American Synergy Corporation/Robert Mowris & Associates – No. 201-02

PROGRAM TITLE:	Comprehensive Hard-to-Reach Mobile Home Energy Savings Program
PROGRAM IMPLEMENTER(S):	American Synergy Corporation Robert Mowris and Associates
SUBCONTRACTOR(S):	
IOU SERVICE TERRITORY:	Pacific Gas & Electric (PG&E)
GEOGRAPHIC AREA:	Central Valley
TARGET MARKET:	Residential Mobile Home
IOU CONTRACT ADMINISTRATOR:	PG&E
BUDGET APPROVED	\$2,277,632

PROGRAM DESCRIPTION:

This program provides education and no cost installation of the following measures to hard-to-reach residential customers in mobile homes (a) Lighting measures such as hardwired lighting and compact fluorescent lamps; (b) heating, ventilation, air conditioning measures such as duct testing and sealing, air conditioner diagnostic and tuning; (c) water heater measures such as pipe insulation, water heater blankets, low-flow shower heads, and faucet aerators; and (d) shell infiltration measures such as caulking and weather stripping of doors and windows. The measures are estimated to provide sustainable energy savings from eight (8) to twenty (20) years.

PROGRAM MODIFICATIONS:

This program did not propose shell infiltration measures, but should provide them, as appropriate. To ensure that energy efficiency measures do not decrease health/safety of customers, we require that the proposal be consistent with the utility's minimum requirement on Combustion Appliance Safety test or other similar measures.

California Building Performance Contractors – No. 172-02

PROGRAM TITLE:	Comprehensive Whole-House Residential Retrofit Program
PROGRAM IMPLEMENTER(S):	California Building Performance Contractors Association
SUBCONTRACTOR(S):	Solem and Associates, Bevilacqua-Knight, Inc. Lutzenhiser and Associates
IOU SERVICE TERRITORY:	Pacific Gas and Electric Company (PG&E)
GEOGRAPHIC AREA:	Fresno and San Jose Areas.
TARGET MARKET:	Residential Retrofit
IOU CONTRACT ADMINISTRATOR:	PG&E
BUDGET APPROVED	\$1,613,225

PROGRAM DESCRIPTION:

This is a training and certification program for residential contractors. The goal of the program is to train residential contractors in whole-building energy efficient retrofit practices, and then sustain these practices by enlisting the contractors into the California Building Performance Contractors Association. It is anticipated that residential consumers will benefit not only from the wider selection of energy-efficient competent contractors, but from the lower transaction costs associated with searching for qualified contractors, and from the quality and ethical controls incumbent in association membership.

PROGRAM MODIFICATIONS:

We recommend that the Association adopt an implementation plan with clear ethical guidelines and enforcement practices.

**California Homes Energy Efficiency Rating System, Inc. (CHEERS) –
No. 234-02**

PROGRAM TITLE:	BUILDING DEPARTMENT AND SMALL BUILDER TITLE 24 STANDARDS TRAINING
PROGRAM IMPLEMENTER(S):	California Homes Energy Efficiency Rating System, Inc. (CHEERS)
SUBCONTRACTOR(S):	Douglas Beaman Associates, CABEC, Glyphix, Sisson & Associates
IOU SERVICE TERRITORY:	Pacific Gas & Electric Company (PG&E)
GEOGRAPHIC AREA:	All PG&E area except zone 1
TARGET MARKET:	Residential New Construction
IOU CONTRACT ADMINISTRATOR:	PG&E
BUDGET APPROVED PG&E	\$631,881

PROGRAM DESCRIPTION:

This program targets education of small builders and building department officials in an effort to educate them about upgrades to Title 24 and about the benefits of building EPA Energy Star level (15 percent above current Title 24) homes. Training session will be arranged at building department sites and will involve both officials and builders. The program goal is to educate building officials and small builders and to encourage the construction of Energy Star or better housing. CHEERS Certified Energy Raters and CABEC Title 24 modelers will lead the training sessions. Raters and modelers will be provided a small incentive for homes rated and for Energy Star level rated homes.

PROGRAM MODIFICATIONS:

We recommend accepting this program only in PG&E territory.

California State and Consumer Services Agency (SCSA) – No. 177-02

PROGRAM TITLE:	Local K-12 Schools Energy Efficiency Program
PROGRAM IMPLEMENTER(S):	California State and Consumer Services Agency (SCSA)
SUBCONTRACTOR(S):	
IOU SERVICE TERRITORY:	Pacific Gas & Electric Company (PG&E)
GEOGRAPHIC AREA:	Central Valley region
TARGET MARKET:	Nonresidential information/education/marketing (renovation and remodeling); K-12 school districts
IOU CONTRACT ADMINISTRATOR:	PG&E
BUDGET APPROVED	\$2,965,476

PROGRAM DESCRIPTION:

This program provides expertise and resources to assist school districts in implementing energy efficient retrofits and energy education. The program offers (1) energy efficiency retrofit guidance and operations training for district facility and maintenance personnel; (2) assistance in incorporating energy efficiency curriculum and learning activities into the district curricula; (3) Web-based tools for learning about energy efficient project planning and implementation, and accessing a bulk procurement mechanism. In addition, the program incorporates regional activities such as workshops and technology demonstration projects to benefit multiple school districts. The program is an expansion of SCSA's energy education model currently implemented in five school districts in the Central Valley and offers another approach that complements other schools programs within the PG&E service area being funded for 2002. The program features strong synergies with other statewide programs such as Express Efficiency and Standard Performance Contract.

PROGRAM MODIFICATIONS:

Since the budget approved for this program is less than half of the original proposed budget, we require SCSA to provide a detailed breakdown of the approved budget, particularly the subcontractor costs, in its Program Implementation Plans. SCSA should provide a complete itemization of its budget in accordance with the various tasks and activities proposed under the program. Given that subcontractors would undertake most of the work under the program, SCSA's labor costs should be limited to no more than 2.5% of the program budget. Given the budget reduction for the program, we also require SCSA to identify in its Program Implementation plans revised performance targets commensurate with the lower budget.

California State University Chancellor's Office – No. 311-02

PROGRAM TITLE:	California State University Chancellor's Office Energy Efficiency
PROGRAM IMPLEMENTER(S):	California State University Chancellor's Office
SUBCONTRACTOR(S):	Grueneich Resource Advocates Electric City Corporation Morrow-Meadows Corporation
IOU SERVICE TERRITORY:	San Diego Gas & Electric Company (SDG&E)
GEOGRAPHIC AREA:	SCE Territory SDG&E Territory
TARGET MARKET:	Large and Medium Non-Residential Process Overhaul
IOU CONTRACT ADMINISTRATOR:	SCE
BUDGET APPROVED	\$536,766
SCE:	\$366,309
SDG&E:	\$170,457

PROGRAM DESCRIPTION:

This incentive program will install several units of a chosen voltage-controlled lighting reduction system on CSU campuses.

PROGRAM MODIFICATIONS:

This program was proposed for multiple utility companies' territories. We accept it for the two campuses in SDG&E's service territory and in SCE territory. Some CSU budgets include a fee to a CSU foundation; we decline this request. The money earmarked for this purpose should instead be directed toward program implementation.

California Urban Water Conservation Council – No. 162-02

PROGRAM TITLE:	Pre-Rinse Spray Head Installation for the Food Service Industry
PROGRAM IMPLEMENTER(S):	California Urban Water Conservation Council
SUBCONTRACTOR(S):	
IOU SERVICE TERRITORY:	Pacific Gas & Electric Company (PG&E), Southern California Gas Company (SCG), San Diego Gas & Electric Company (SDG&E),
GEOGRAPHIC AREA:	
TARGET MARKET:	Nonresidential: food service industry
IOU CONTRACT ADMINISTRATOR:	SCG
BUDGET APPROVED	\$2,217,513
PG&E	\$ 562,806
SCG	\$1,299,645
SDG&E	\$ 355,059

PROGRAM DESCRIPTION:

This direct-install incentive-based program replaces high water use pre-rinse spray valves with more efficient models. Eligible participants will be food service facilities: restaurants, cafeterias, institutional kitchens and food preparation companies. There will be no cost to the participants and water utilities throughout the state will contribute a portion of the funds for program implementation. This program targets hard-to-reach customer in both urban and rural settings.

PROGRAM MODIFICATIONS:

We recommend that (a) spray valves, which are replaced, must already be set up to use hot water and (b) no more than three (3) stores under the same ownership may participate in this program.

Center for Irrigation Technology, CSU Fresno – No. 230-02

PROGRAM TITLE:	Agriculture Pumping Efficiency Program
PROGRAM IMPLEMENTER(S):	Center for Irrigation Technology, CSU Fresno
SUBCONTRACTOR(S):	None specified
IOU SERVICE TERRITORY:	San Diego Gas & Electric Company (SDG&E)
GEOGRAPHIC AREA:	Service Territories of SDG&E, SoCalGas and SCE
TARGET MARKET:	Rural Area (Nonresidential: agriculture)
IOU CONTRACT ADMINISTRATOR:	PG&E
BUDGET APPROVED	\$4,929,655
PG&E	\$3,333,333
SDG&E	\$ 323,046
SCG	\$ 593,483
SCE	\$ 679,793

PROGRAM DESCRIPTION:

This incentive-based program will build upon the achievements of the SBX1 5 “Agricultural Peak Demand Reduction” program. Attention to energy efficiency by the agricultural industry in pumping system selection, maintenance and operation will be the objective. The strategies involved will include the following: education, technical assistance and incentives for equipment testing, repair and retrofitting.

PROGRAM MODIFICATIONS:

We recommend that the contribution to the CSU Fresno Foundation be directed toward program implementation.

D&R International – No. 292-02

PROGRAM TITLE:	Residential New Construction Appliance and Lighting Program
PROGRAM IMPLEMENTER(S):	D&R International
SUBCONTRACTOR(S):	None specified
IOU SERVICE TERRITORY:	San Diego Gas & Electric Company (SDG&E)
GEOGRAPHIC AREA:	SDG&E Territory
TARGET MARKET:	Residential New Construction: Appliances and Lighting
IOU CONTRACT ADMINISTRATOR:	SDG&E
BUDGET APPROVED	\$778,727

PROGRAM DESCRIPTION:

This incentive program assists builders/developers and buyers/renters with the purchase and installation of energy efficient appliances and lighting products by providing financial incentives to offset a portion of the incremental costs of these products. To accomplish this goal, there will be trainings for all participating builders and developers about the program requirements and the economic benefits of high-efficiency products.

City of Davis – No. 116-02

PROGRAM TITLE:	Davis Comprehensive Energy Efficiency Program (DCEEP)
PROGRAM IMPLEMENTER(S):	City of Davis
SUBCONTRACTOR(S):	PG&E Energy Training Center – Stockton Proctor Engineering Group Richard Heath and Associates Fisher-Nickel, Inc. Food Service Technology Center Davis Energy Group
IOU SERVICE TERRITORY:	Pacific Gas and Electric Company (PG&E)
GEOGRAPHIC AREA:	City of Davis and adjacent residential communities
TARGET MARKET:	Crosscutting, Hard-to-Reach
IOU CONTRACT ADMINISTRATOR:	PG&E
BUDGET APPROVED	\$ 1,905,968

PROGRAM DESCRIPTION:

This crosscutting program provides financial incentive and informational services to its residential and nonresidential communities. This program targets eight distinct market segments, including renter and owner-occupied residences, small commercial establishments, and schools. In both the residential and commercial communities, program participants will be channeled to statewide rebates and will be offered DCEEP prescriptive and performance rebates, as appropriate. Program participants will also be offered the services of the Proctor Engineering Group's CheckMe! System of air conditioner testing and tune-up.

The program also provides: (a) residential customers – photovoltaic system to be purchased with funds not using PCG funds, (b) nonresidential customers – investment-grade energy audits to those willing to invest in measures with up to five-year payback. Through this program, it is anticipated that commercial new construction will achieve energy efficiency by participating in PG&E's Statewide Savings by Design program.

Ecology Action of Santa Cruz – No. 99-02

PROGRAM TITLE:	A Local Small Business Energy Efficiency Program
PROGRAM IMPLEMENTER(S):	Ecology Action of Santa Cruz, Energy Solutions (with Linda Brandon Design), and Center for Energy and Environment
SUBCONTRACTOR(S):	Licensed contractors from target region will be invited to a recruitment workshop to establish a poll of qualified contractors for this program
IOU SERVICE TERRITORY:	Pacific Gas & Electric Company (PG&E)
GEOGRAPHIC AREA:	Santa Cruz, Monterey, and San Benito Counties
TARGET MARKET:	Nonresidential hard-to-reach very small, small and medium business customers
IOU CONTRACT ADMINISTRATOR:	PG&E
BUDGET APPROVED	\$1,904,762

PROGRAM DESCRIPTION:

This is an information/outreach/educational/incentive program that targets hard-to-reach nonresidential customers. This program focuses on comprehensive lighting retrofits and low and no-cost measures (such as installation of dual setback thermostats and technical assistance identifying opportunities in heating, ventilation, air conditioning and refrigeration) to 1,260 hard-to-reach very small to medium sized businesses. Customers will receive incentives by compact fluorescent lamps direct-install incentives, installation rebates, and simplified financing. This program will utilize already in place community marketing, addresses and identifies market barriers/hard-to-reach customers in its community, and makes a commitment to its community to address energy efficiency needs.

PROGRAM MODIFICATIONS:

The approved budget for this program is substantially less than the original proposal budget of \$3,389,320. We require the program sponsors to provide detailed allocation of the approved budget, including performance targets. We also require that the proposal include (a) references to applicable statewide programs in marketing and audit recommendations, and (b) a plan on how to address the issue of double dipping with other energy efficiency programs.

Ecos Consulting – No. 258-02

PROGRAM TITLE:	Energy Star® CFL Program for Small Hardware and Grocery Retailers
PROGRAM IMPLEMENTER(S):	Ecos Consulting
SUBCONTRACTOR(S):	
IOU SERVICE TERRITORY:	San Diego Gas & Electric Company (SDG&E) Southern California Edison Company (SCE)
GEOGRAPHIC AREA:	Rural/Hard-to-Reach
TARGET MARKET:	Residential
IOU CONTRACT ADMINISTRATOR:	SCE
BUDGET APPROVED	\$5,504,182
SCE	\$4,051,416
SDG&E	\$1,452,766

PROGRAM DESCRIPTION:

This upstream lighting rebate program targets small and rural grocery and hardware stores. The target retail stores in this program has historically been hard-to-reach under previous upstream lighting programs. The program offers upstream rebates for compact fluorescent lamp (CFL) light bulbs, as well as a comprehensive marketing and outreach program. Participating retailers will be provided point of purchase materials in various languages to facilitate the movement of the rebated products, and energy efficiency education to allow them to further market the products in their own store. This program also provides ongoing face-to-face outreach and quality control with participating retailers.

Ecos Consulting – No. 245-02

PROGRAM TITLE:	LiteVend
PROGRAM IMPLEMENTER(S):	Ecos Consulting
SUBCONTRACTOR(S):	None specified
IOU SERVICE TERRITORY:	San Diego Gas & Electric Company (SDG&E)
GEOGRAPHIC AREA:	SDG&E Territory
TARGET MARKET:	Non-Residential Upstream Retrofit
IOU CONTRACT ADMINISTRATOR:	SDG&E
BUDGET APPROVED	\$481,331

PROGRAM DESCRIPTION:

This incentive program will improve the energy efficiency of new and existing vending machines. It will do so by (a) accelerating the introduction of a line of vending machines that is up to 50% more efficient; (b) working with operators to refurbish or retire existing machines; and (c) installing a device designed to power down vending machines when not in use.

PROGRAM MODIFICATIONS:

This program was proposed in three utilities' territories. We are accepting it for only the SDG&E territory and make the following modifications. The administrative expenses are very high for an incentive-based program. Thus, we require Ecos Consulting to submit a revised budget reducing its administrative expenses by \$150,000. This reduced budget (which is reflected in the budget listed above) should (a) include the expenses for Evaluation, Measurement and Verification, but excluding the utility's administrative charge, and (b) not affect the program performance targets. The revised budget must be submitted before the signing of the contract.

Efficiency Service Group – No. 274-02

PROGRAM TITLE:	Energy and Water Savings Program for Residential Rental Properties in Targeted Local Communities in PG&E Area
PROGRAM IMPLEMENTER(S):	Efficiency Service Group, a subsidiary of Portland General Electric Company
SUBCONTRACTOR(S):	Heshong-Mahone Group The Res-Team
IOU SERVICE TERRITORY:	Pacific Gas and Electric Company (PG&E)
GEOGRAPHIC AREA:	Fresno, Kings, and Kern Counties
TARGET MARKET:	Residential Multi-Family Retrofit
IOU CONTRACT ADMINISTRATOR:	PG&E
BUDGET APPROVED	\$3,320,368

PROGRAM DESCRIPTION:

This direct install program targets the rental market. Two packages will be offered to the owners of multi-family rental buildings: (1) a free of charge tenant education; set back thermostats, and shell, infiltration, lighting, and water heating measures; (2) a set of investment-grade options, and will include insulated windows, appliances, water heater timers, and water closets and outdoor water controls. Water measures will be funded by municipal water utilities, as appropriate.

PROGRAM MODIFICATIONS:

We recommend reducing the program's geographic scope from the greater Bay Area counties and the Fresno-Kings-Kern area to only the Fresno-Kings-Kern area; accordingly, the budget is reduced from \$20,600,000 to \$3,486,386.

Electric & Gas industries Association (EGIA) – No. 141-02

PROGRAM TITLE:	A Proposal To Develop & Administer An Interest Rate Buy-Down For The Installation Of High Efficiency HVAC Equipment
PROGRAM IMPLEMENTER(S):	Electric & Gas industries Association (EGIA)
SUBCONTRACTOR(S):	
IOU SERVICE TERRITORY:	Pacific Gas & Electric Company (PG&E) Southern California Edison Company (SCE) Southern California Gas Company (SCG)
GEOGRAPHIC AREA:	Specific climate zones that fall in PG&E and SCE territory
TARGET MARKET:	Residential Heating, Ventilation, Air Conditioning
IOU CONTRACT ADMINISTRATOR:	PG&E
BUDGET APPROVED	\$5,380,983
PG&E	\$3,269,151
SCE	\$1,524,728
SCG	\$ 587,105

PROGRAM DESCRIPTION:

This program supports ratepayer replacement purchases of high efficiency heating, ventilation, and air conditioning equipment with an interest rate buy-down of 3 to 6 percent for air conditioning and 2 to 3 percent for heating equipment. The buy-down is part of an existing EGIA program in which the association markets FNMA consumer loans that enable ratepayers to finance energy efficient equipment. The FNMA loan program, rolled-out by EGIA last year, has had initial successes. This buy-down add-on to the FNMA loan is expected to enhance previous efforts and save an estimated 7,252,708 kWh of electric energy and 631,534 therms of natural gas through September 2003.

Energy Analysis Technologies, Inc. – No. 98-02

PROGRAM TITLE:	Residential Duct Services (RDS) Program
PROGRAM IMPLEMENTER(S):	Energy Analysis Technologies, Inc.
SUBCONTRACTOR(S):	Carrier-Aeroseal, LLC
IOU SERVICE TERRITORY:	Southern California Edison Company (SCE) Southern California Gas Company (SCG)
GEOGRAPHIC AREA:	Hotter climate areas + underserved populations (Climate Zones 9 & 13, see below)
TARGET MARKET:	Residential, single-family, lower to middle-income Hard To- Reach customers (including mobile home dwellers and renters)
IOU CONTRACT ADMINISTRATOR:	SCG
BUDGET APPROVED	\$1,095,238
SCE	\$ 547,619
SCG	\$ 547,619

PROGRAM DESCRIPTION:

This program is a residential outreach and incentive program designed to increase access to duct repair and advanced heating, ventilation, and air conditioning (HVAC) diagnostic tune-up in single-family homes. In addition this program will provide local training to contractors performing this work. This program is conceived as a complement to the utilities' rebate programs for high efficiency HVAC equipment. RDS will pay a \$200 rebate for duct sealing and/or a \$275 rebate to households with greater than 40% leakage rates in their HVAC ducts as an incentive toward the tune-up. This program presents a comprehensive approach and solution to a residential energy issue promising substantial savings as well as upstream training of contractors (without resorting to a franchise model).

PROGRAM MODIFICATIONS:

Due to similarity in the targeted areas of this proposal and CheckMe! (Proctor Engineering Group, Ltd.), we require that the program be conducted in climate zones 9 & 13 (leaving zones 10, 14 and 15 for CheckMe!), as a precaution against double dipping.

The Energy Coalition – No. 232

PROGRAM TITLE:	Regional Energy Efficiency Initiative (REEI)
PROGRAM IMPLEMENTER(S):	The Energy Coalition (Composed of the Cities of Irvine, Sta. Monica, Palm Desert, Moreno Valley, Brea, & West Hollywood)
SUBCONTRACTOR(S):	
IOU SERVICE TERRITORY:	Southern California Edison Company (SCE)
GEOGRAPHIC AREA:	Cities of Irvine, Sta. Monica, Palm Desert, Moreno Valley, Brea, & West Hollywood
TARGET MARKET:	Cross cutting (Residential: single family, multifamily, mobile homes; Small Businesses; Schools Districts)
IOU CONTRACT ADMINISTRATOR:	SCE
BUDGET APPROVED	\$3,047,619

PROGRAM DESCRIPTION:

This program provides education and incentives to hard-to-reach and underserved residential customers, small businesses, and school districts. The proposed program of the coalition of six cities focuses on a master plan of energy savings programs for (a) residential customers such as distribution of compact fluorescent lamps (CFLs) and energy efficient fans, and weatherization services; (b) small businesses such as energy assessment services; and (c) schools and municipal facilities, such as distribution of CFLs and energy education. This program focuses on involving the communities, which the coalition believes is necessary for long-term change in energy savings.

Energx Controls Inc. – No. 208-02

PROGRAM TITLE:	Local Small Commercial Energy Efficiency and Market Transformation Program
PROGRAM IMPLEMENTER(S):	Energx Controls Inc.
SUBCONTRACTOR(S):	Debin-Aire
IOU SERVICE TERRITORY:	Southern California Gas Company (SCG)
GEOGRAPHIC AREA:	Los Angeles and Orange County, parts of San Bernardino, Riverside and Ventura counties
TARGET MARKET:	Non residential, Small comprehensive retrofit
IOU CONTRACT ADMINISTRATOR:	SCG
BUDGET APPROVED	\$1,142,857

PROGRAM DESCRIPTION:

This gas incentive program targets hard-to-reach small commercial markets (laundromats, restaurants, hotels, fabricators, fast food chain restaurants, small healthcare facilities, and schools) that use steam boilers. This program has (a) an early replacement component, under which customers will be encouraged with cash incentives to replace their existing equipment with 84% efficiency boilers, and (b) market transformation component, which provides customers with higher incentives to install 94% efficiency condensing boilers and water heaters. Existing utilities' programs do not focus on the higher efficiency boilers in the market.

PROGRAM MODIFICATIONS:

We require Energx Controls, Inc. to hire an independent evaluation/measurement /verification contractor.

Energy Solutions – No. 148-02

PROGRAM TITLE:	LiteWash
PROGRAM IMPLEMENTER(S):	Energy Solutions
SUBCONTRACTOR(S):	Ecos, Batelle Memorial Institute
IOU SERVICE TERRITORY:	Pacific Gas & Electric Company (PG&E), Southern California Gas Company (SCG), San Diego Gas & Electric Company (SDG&E)
GEOGRAPHIC AREA:	Water Agency service territories
TARGET MARKET:	Small nonresidential
IOU CONTRACT ADMINISTRATOR:	PG&E
BUDGET APPROVED	\$2,559,905
PG&E	\$1,407,930
SCG	\$ 837,800
SDG&E	\$ 314,175

PROGRAM DESCRIPTION:

This program provides outreach, education, and rebates for high efficiency clothes washers. The program targets laundromats and institutional and multi-family common area laundry facilities. Along with education and incentive for clothes washers, a turnkey lighting retrofit will be provided to very small customers who participate in this program. The marketing, education, and outreach for this program will be coordinated with water agencies. These water agencies are running their own water conservation programs targeted at these customers.

EnSave Energy Performance, Inc. – No. 243-02

PROGRAM TITLE:	California Variable Speed Drive Farm Program
PROGRAM IMPLEMENTER(S):	EnSave Energy Performance, Inc.
SUBCONTRACTOR(S):	
IOU SERVICE TERRITORY:	Pacific Gas & Electric Company (PG&E), Southern California Edison Company (SCE), San Diego Gas & Electric Company (SDG&E)
GEOGRAPHIC AREA:	34 counties in California
TARGET MARKET:	Non-residential: retrofit, motor turnover, agricultural, dairy farms
IOU CONTRACT ADMINISTRATOR:	PG&E
BUDGET APPROVED:	\$484,977
PG&E:	\$399,621
SCG:	\$ 71,291
SDG&E:	\$ 14,065

PROGRAM DESCRIPTION

This program provides information and an incentive to install variable speed drives (VSD) for milking vacuum pumps to dairy farms in three IOU territories in California. The VSD will measure the actual vacuum needed during milking and raise and lower the motor's speed to provide only the actual vacuum needed, thus saving energy and it is a program with a large portion of the budget going to end users.

PROGRAM MODIFICATIONS:

We recommend that a third party perform measurement and verification of the program.

Fisher-Nickel, Inc. and Food Service Technology Center – No. 113-02

PROGRAM TITLE:	Energy Efficiency in Commercial Food Service
PROGRAM IMPLEMENTER(S):	Fisher-Nickel, Inc. and Food Service Technology Center
SUBCONTRACTOR(S):	Commercial Kitchen Ventilation Laboratory located in Wood Dale, IL and operated by Architectural Energy Corporation
IOU SERVICE TERRITORY:	Pacific Gas & Electric Company (PG&E)
GEOGRAPHIC AREA:	PG&E service territory
TARGET MARKET:	Nonresidential customers with food service operations including restaurants, and others which perform cooking and food preparations such as hospitals, schools, prisons, and other institutions
IOU CONTRACT ADMINISTRATOR:	PG&E
BUDGET APPROVED	\$3,183,796

PROGRAM DESCRIPTION:

This program will be delivered through both informational and upstream initiatives to the hard-to-reach independent food service operators. The Food Service Technology Center (FSTC) promotes efficient design and operation of commercial food service facilities by providing unbiased, objective performance information to the industry. This proposal will expand energy education and technical support to both Bay Area and Northern California local governmental energy efficiency departments, particularly those that have initiated programs for the hard-to-reach independent food service operator. This program generates unbiased testing of both gas and electric commercial food service equipment, and provides energy efficiency information and outreach to the food service industry.

PROGRAM MODIFICATIONS:

To allow for synergies and to prevent duplication of efforts, we require that the proposal include an implementation plan detailing measures to avoid potential for duplication of efforts with statewide Emerging Technologies program.

Frontier Associates – No. 126-02

PROGRAM TITLE:	Green Building Technical Support Services
PROGRAM IMPLEMENTER(S):	Frontier Associates
SUBCONTRACTOR(S):	Austin Energy
IOU SERVICE TERRITORY:	Pacific Gas and Electric Company (PG&E)
GEOGRAPHIC AREA:	Greater Bay Area Counties
TARGET MARKET:	Residential and Nonresidential New Construction
IOU CONTRACT ADMINISTRATOR:	PG&E
BUDGET APPROVED	\$565,396

PROGRAM DESCRIPTION:

This upstream information and training program transfers green building technical expertise and resources to participating local governments. This program assists local governments in adopting and promoting sustainable green building construction practices. Local governments will be adopting and promoting sustainable building construction practices by employing local planning and codes processes to integrate whole building approaches to energy efficiency and other resource issues into new construction guidelines, incentives, and standards.

PROGRAM MODIFICATIONS:

We recommend that the program implementation plan include more concrete adoption methods and deliverables.

GeoPraxis, Inc. – No. 180-02

PROGRAM TITLE:	Time of Sale Home Inspection Program
PROGRAM IMPLEMENTER(S):	GeoPraxis, Inc.
SUBCONTRACTOR(S):	Inspecttech
IOU SERVICE TERRITORY:	Pacific Gas & Electric Company (PG&E)
GEOGRAPHIC AREA:	San Francisco Bay Area
TARGET MARKET:	Residential comprehensive retrofit
IOU CONTRACT ADMINISTRATOR:	PG&E
BUDGET APPROVED	\$875,931

PROGRAM DESCRIPTION:

This program trains home inspectors to identify the most significant energy saving opportunities during the customer paid Time of Sale home inspection and will motivate homeowners to implement recommended improvements by providing them with a list of contractors and high efficiency product dealers. This program also offers information to customers about the availability of incentive and financing programs and manufacturer-sponsored rebates for high efficiency products.

PROGRAM MODIFICATIONS:

The program was proposed for both SDG&E and PG&E territories, with a total budget of \$1,226,304. We accept the program for PG&E territory only, and we reduce the budget to \$875,931. Accordingly, GeoPraxis, Inc. should provide revised itemized budget and performance goals in the implementation plan.

Geothermal Heat Pump Consortium (GHPC) – No. 130-02

PROGRAM TITLE:	2002-2003 Energy Efficiency Program
PROGRAM IMPLEMENTER(S):	Geothermal Heat Pump Consortium (GHPC)
SUBCONTRACTOR(S):	GREEN INQ Assn. for Efficient Environmental Energy Systems California Coalition for Adequate Housing MAM Consulting Hamilton Consulting
IOU SERVICE TERRITORY:	Southern California Edison Company (SCE)
GEOGRAPHIC AREA:	
TARGET MARKET:	Non-Residential, targeting low-income schools for retrofits and new school construction, infrastructure building and education of Geoexchange technology to non-residential and commercial sector
IOU CONTRACT ADMINISTRATOR:	SCE
BUDGET APPROVED	\$1,287,531

PROGRAM DESCRIPTION:

This is an information, education and incentive program. Geoexchange is an environmentally friendly technology that relies on natural thermal energy stored in the ground for heating and cooling and replaces conventional fuel burning or electric heating, ventilation, air conditioning systems. The program will target three segments: Commercial New Construction, Non-Residential Renovation & Remodeling, and Residential New Construction. The program provides incentive to underserved and hard-to-reach schools when they install geoexchange systems. Geoexchange has been successfully instituted in more than 650 U.S. schools located in 40 states and has reduced energy consumption from 25% to 50% compared to traditional heating and cooling systems.

Global Energy Services – No. 278-02

PROGRAM TITLE:	Chinese Language Efficiency Outreach
PROGRAM IMPLEMENTER(S):	Global Energy Services
SUBCONTRACTOR(S):	ASW Engineering
IOU SERVICE TERRITORY:	Southern California Edison Company (SCE) Southern California Gas Company (SCG)
GEOGRAPHIC AREA:	+ Los Angeles Co. (Alhambra, Monterey Park, San Gabriel, Rowland Heights, El Monte, etc.) + San Francisco Co.
TARGET MARKET:	Cross cutting; Chinese-speaking Hard-to-reach customers
IOU CONTRACT ADMINISTRATOR:	SCE
BUDGET APPROVED	\$358,087
SCE	\$279,913
SCG	\$ 78,173

PROGRAM DESCRIPTION:

This cross cutting information/outreach/education program targets hard-to-reach low-income Chinese speakers in LA Co. (2002) and San Francisco Co. (2003). Beyond alerting the community to issues of energy efficiency, an important goal of this program is to enlist residential and small commercial customers for an energy audit. This program was selected because it identifies and reaches out to a specific demographic group using a multi-media blitz to kick start an effort to introduce this group both to energy related concerns as well as to existing efficiency opportunities not well utilized by this group. Global Energy Services has teamed up with local Chinese organizations (in LA) and will draw on the skills of several well-positioned individuals to conduct the outreach efforts.

PROGRAM MODIFICATIONS:

We recommend accepting this program only in SCE and SCG territories.

Global Energy Partners – No. 248-02

PROGRAM TITLE:	Energy Efficiency Services for Electricity Consumption and Demand Reduction in Oil Production in the State of California
PROGRAM IMPLEMENTER(S):	Global Energy Partners
SUBCONTRACTOR(S):	EPRI-PEAC Petroleum Technology Transfer Council EPRI Chemicals, Petroleum, and Natural Gas Center
IOU SERVICE TERRITORY:	Southern California Edison Company (SCE)
GEOGRAPHIC AREA:	
TARGET MARKET:	Non-residential process overhaul for small independent oil producers.
IOU CONTRACT ADMINISTRATOR:	SCE
BUDGET APPROVED	\$1,730,250

PROGRAM DESCRIPTION:

This program uses a systems approach to stall more efficient pumps, motors, and control systems for oil well heads of small to medium sized producers in Southern California. Through education, audits and financing assistance, Global Energy Partners will assist producers to make wise energy efficient modifications. Through its website, it will link producers with other energy savings programs. Energy efficiency measures will include pump-off controllers, variable frequency drives, load balancing on rod pumps, proper sizing of water injection pumps, variable frequency prime movers, optimization of fluid cooling systems and premium efficient motors. While oil producers are not considered underserved or hard-to-reach, small to medium sized producers who struggle to compete with the industry leaders, may not have expertise or financial resources to improve energy efficiency and contribute to potentially very large energy savings

PROGRAM MODIFICATIONS:

We recommend that an independent third party verify the energy savings.

Heschong Mahone Group – No. 255-02

PROGRAM TITLE:	Efficient Affordable Housing, A Residential Efficiency Program to Assist Housing Authorities
PROGRAM IMPLEMENTER(S):	Heschong Mahone Group
SUBCONTRACTOR(S):	San Diego Regional Energy Office
IOU SERVICE TERRITORY:	Southern California Edison Company (SCE), Southern California Gas Company (SCG)
GEOGRAPHIC AREA:	Riverside County
TARGET MARKET:	Residential Retrofit. Housing authorities and current and prospective Section-8 building owners
IOU CONTRACT ADMINISTRATOR:	SCG
BUDGET APPROVED	\$483,697
SCE	\$241,849
SCG	\$241,849

PROGRAM DESCRIPTION:

This program, in cooperation with the housing authorities, adopts a utility allowance that reflects savings due to energy efficiency measures. When savings are shared between landlord and renter, the landlord may charge a higher rent as an incentive to install energy savings measures and the renter will pay a lower overall monthly costs due to energy savings. In addition, incentives will be provided to building owners that demonstrate a 20% improvement over current condition as determined by a HERS rating or by showing 10% more efficient than required by state law using Microspas or Energy pro software runs. Ignoring the effect of energy efficiency on utility allowances provides no incentive for energy efficiency in housing authority units. The program focuses on working with housing authorities for the first year, and with building owners for the second year.

PROGRAM MODIFICATIONS:

We recommend accepting this program only in SCE and SCG territories. We require that the proposal's implementation plan include a method to prevent participants from double dipping in incentives.

ICF Associates – No. 218-02

PROGRAM TITLE:	Demand Control Ventilation Pilot Program
PROGRAM IMPLEMENTER(S):	ICF Associates
SUBCONTRACTOR(S):	Quantum Consulting
IOU SERVICE TERRITORY:	Southern California Gas Company (SCG)
GEOGRAPHIC AREA:	
TARGET MARKET:	Non-resident retrofit.
IOU CONTRACT ADMINISTRATOR:	SCG
BUDGET APPROVED:	\$589,153
SCE:	\$394,733
SCG:	\$194,421

PROGRAM DESCRIPTION:

This program promotes new technology ready to be mainstreamed as a retrofit measure for commercial buildings. Installation of CO₂ sensors allows the adjustment of building ventilation to the number of occupants, reducing cooling and heating energy requirements significantly. This program will train distributors and contractors about technology, develop sales material and install CO₂ Demand Control Ventilation systems in 600,000 sq feet of conditioned space.

PROGRAM MODIFICATIONS:

We recommend that the program be implemented in both SCG and SCE territories.

ICF Associates, Inc. – No. 134-02

PROGRAM TITLE:	Partnership for Energy Affordability in Multi-Family Housing
PROGRAM IMPLEMENTER(S):	ICF Associates, Inc.
SUBCONTRACTOR(S):	Non-Profit Association of Northern California Association of Housing Management Agents Local Initiatives Support Corporation Center for Energy and Environment Strategic Energy Innovations
IOU SERVICE TERRITORY:	Pacific Gas and Electric Company (PG&E)
GEOGRAPHIC AREA:	Bay Area and south to Monterey, east to Central Valley.
TARGET MARKET:	Residential Hard-to-Reach Information
IOU CONTRACT ADMINISTRATOR:	PG&E
BUDGET APPROVED	\$1,826,305

PROGRAM DESCRIPTION:

This information program targets non-profit owners and property managers of federally subsidized urban low-income rental properties in the San Francisco Bay Area and areas extending to Stockton, Modesto, and Fresno. This programs focuses on master-metered buildings typical of single-room occupancy and acquisition/rehab HUD properties. This program offers comprehensive technical assistance to building owners, mangers and operators, including facility audits, training, peer forums, financing, tenant education, diagnostics and measurement and verification, energy performance contracting support and a referral service for properties interested in hiring energy services expertise. This program will buy energy savings by channeling program participants into PG&E's Statewide Nonresidential Express Efficiency and SPC programs.

PROGRAM MODIFICATIONS:

ICF Associates shall contract with PG&E for \$1,518,590, as proposed. However, we remove the \$300,000 financial incentive portion of this program, and expect that the funds originally intended for these activities be effectively used to channel more participants into this program.

Local Government Commission – No. 184-02

PROGRAM TITLE:	Proposal of the California Local Government Commission for Regional Energy Authority Pilot Projects in Humboldt, Marin and Ventura Counties
PROGRAM IMPLEMENTER(S):	Local Government Commission
SUBCONTRACTOR(S):	Alternative Energy Systems Consulting, Inc. John Nimmons & Associates, Inc. HMW International, Inc.
IOU SERVICE TERRITORY:	Pacific Gas & Electric Company (PG&E) Southern California Edison Company (SCE)
GEOGRAPHIC AREA:	Humboldt and Ventura Counties
TARGET MARKET:	Crosscutting
IOU CONTRACT ADMINISTRATOR:	PG&E
BUDGET APPROVED	\$939,903
PG&E	\$454,002
SCE	\$485,901

PROGRAM DESCRIPTION:

This program helps Humboldt and Ventura counties establish Regional Energy Authority (REA) pilot projects. REAs are joint undertakings by California local governments to develop and implement comprehensive energy strategies to encourage conservation and energy efficiency. This program provides technical assistance to the two counties in planning and establishing the REAs. This program will help to build sustainable local infrastructure for delivering energy efficiency services.

PROGRAM MODIFICATIONS:

The original program proposal sought to establish an REA in Marin County as well as Humboldt and Ventura Counties. We recommend piloting this program only in Humboldt and Ventura Counties.

County of Los Angeles Internal Services Division – No. 156-02

PROGRAM TITLE:	Energy Efficiency Program
PROGRAM IMPLEMENTER(S):	County of Los Angeles Internal Services Division
SUBCONTRACTOR(S):	
IOU SERVICE TERRITORY:	Southern California Edison Company (SCE)
GEOGRAPHIC AREA:	Los Angeles County
TARGET MARKET:	Small to large non residential comprehensive retrofit
IOU CONTRACT ADMINISTRATOR:	SCE
BUDGET APPROVED	\$3,333,333

PROGRAM DESCRIPTION:

This is an incentive program that proposes to implement energy efficiency improvements in 38 county departments, located in SCE's service territory. The proposed measures include:

- Lighting retrofits and upgrades
- Variable frequency drives on electric motors
- State of the art building automation control systems
- Chiller retrofits

PROGRAM MODIFICATIONS:

We recommend a budget reduction from \$6,300,000 to \$3,333,333 and require County of LA to revise the performance goals accordingly (including savings/demand reduction, and total resource cost value). We also require that County of LA hire an independent evaluation/measurement/verification contractor.

Pacific Gas & Electric Company (PG&E) – No. 15-02

PROGRAM TITLE:	Energenius
PROGRAM IMPLEMENTER(S):	Pacific Gas & Electric Company (PG&E)
SUBCONTRACTOR(S):	
IOU SERVICE TERRITORY:	PG&E
GEOGRAPHIC AREA:	
TARGET MARKET:	Cross-cutting; 1 st to 8 th grade students, teachers and parents in rural school districts outside the San Francisco Bay Area and school districts within residential areas containing a significant number of non-English speaking residents
IOU CONTRACT ADMINISTRATOR:	
BUDGET APPROVED	\$300,000 from local cross-cutting

PROGRAM DESCRIPTION:

This program is an information/education program, which educates 1st through 8th grade students and their parents on energy efficiency and electric and gas safety using five Energenius Educational Series of complete curricula: (1) Energenius Habits (grades 1-3), (2) Energenius Measures (grades 4-5), (3) Energenius Primary Safety (grades 1-3), (4) Energenius Intermediate Safety (grades 4-6), and (5) Energenius Bill Buster (grades 6-8). Each series provides a teacher curriculum guide and student activities. The program requires participating students to discuss and complete the Internet and/or direct mail Home Energy Survey and customized energy savings recommendations with their parents and share related referral information. It offers an alternative means of communicating information to non-English speaking parents via bilingual students.

PROGRAM MODIFICATIONS:

To ensure program synergies and to avoid duplication, we require PG&E to include in its proposal an implementation plan detailing measures to avoid potential for duplication and double dipping with Alliance to Save Energy's Green Schools, Green Communities Program, which is also being funded for 2002.

We require PG&E to provide more detailed budget, timeline of activities, and evaluation, monitoring and evaluation plans in its Program Implementation Plans.

Pacific Gas & Electric Company (PG&E) – No. 19-02

PROGRAM TITLE:	Pacific Energy Center (PEC)
PROGRAM IMPLEMENTER(S):	Pacific Gas & Electric Company (PG&E)
SUBCONTRACTOR(S):	
IOU SERVICE TERRITORY:	PG&E
GEOGRAPHIC AREA:	
TARGET MARKET:	Cross-cutting (residential/nonresidential retrofit, commercial new construction); customer segments include architects, engineers and building operations professionals, code officials, local community leaders working in both residential and commercial markets
IOU CONTRACT ADMINISTRATOR:	
BUDGET APPROVED	\$2,340,000 (\$2,169,000 from local cross-cutting and \$171,000 from local residential)

PROGRAM DESCRIPTION:

This program delivers information program, such as technical education classes and workshops, lectures by industry leaders, an energy resource center/library, and performance consulting services including loans of diagnostic and measurement tools through the Tool Lending Library. Founded in 1991, the PEC has been a primary channel for information flow to its target community and has supported the technical, educational, and outreach requirements of the statewide programs Express Efficiency and Savings by Design. For 2002, PG&E plans to expand the PEC's training efforts with the assistance and guidance of the Bay Area and Northern California local governmental energy efficiency departments. The PEC will also formalize its ten-year relationship with the Center for the Built Environment at the University of California, Berkeley, and expand training programs in areas outside San Francisco.

PROGRAM MODIFICATIONS:

We require that PG&E provide detailed budget breakdown in its Program Implementation Plans and an itemized timeline of various activities for 2002.

Pacific Gas & Electric Company (PG&E) – No. 11-02

PROGRAM TITLE:	School Resources Program
PROGRAM IMPLEMENTER(S):	Pacific Gas & Electric Company (PG&E)
SUBCONTRACTOR(S):	Rebuild America
IOU SERVICE TERRITORY:	PG&E
GEOGRAPHIC AREA:	
TARGET MARKET:	Cross-cutting; rural area K-12 school districts outside the San Francisco Bay Area and school districts within residential areas containing significant number of non-English speaking residents
IOU CONTRACT ADMINISTRATOR:	
BUDGET APPROVED	\$600,000 from local cross-cutting

PROGRAM DESCRIPTION:

This is an information/education program, which provides participating school districts with a broad array of services including:

- Energy Star benchmarking of existing facilities,
- Detailed energy audits,
- Assistance in developing a retrofit project implementation plan,
- Assistance in identifying and accessing financing, and
- Delivery of a variety of educational workshops for students and school staff.

The program offers strong synergies with other utility programs and those run by other entities such as PG&E's Energenius Program, the DOE Rebuild America, EPA Energy Star, and education programs supported by SBX1-5 grant funding.

PROGRAM MODIFICATIONS:

We recommend that that proposal cover school districts in PG&E's service territory that are not targeted by the Alliance to Save Energy's Green Schools, Green Communities Program, and the California State and Consumer Services Agency's Local K-12 Schools and Energy Efficiency Program, that are also being funded for 2002. PG&E's proposal should include an implementation plan to avoid any potential for duplication and double dipping, and maximize synergies across all the school-targeted programs in the PG&E service territory. We require PG&E to provide a more detailed budget, timeline of activities, and evaluation, monitoring and evaluation plans in its Program Implementation Plans.

Portland Energy Conservation, Inc. (PECI) – No. 237-02

PROGRAM TITLE:	Proposal for Delivering Energy Efficiency Services to Local Independent Grocery Sector
PROGRAM IMPLEMENTER(S):	Portland Energy Conservation, Inc. (PECI)
SUBCONTRACTOR(S):	Architectural Energy Corp., RLW Analytics, Inc., CTG Energetics, Inc.
IOU SERVICE TERRITORY:	Pacific Gas & Electric Company (PG&E) Southern California Edison Company (SCE), San Diego Gas & Electric Company (SDG&E)
GEOGRAPHIC AREA:	
TARGET MARKET:	Small and medium non-residential customers. (Cross cutting Info/Educ. Marketing, HVAC equipment turnover, motor turnover, process overhaul and renovation) Independent grocers. There is no limit to size or usage, but average size may be 20,000 square feet and average usage per square foot is 55 kWh. 10 to 15% of grocery buildings will be rural (hard-to-reach).
IOU CONTRACT ADMINISTRATOR:	SDG&E
BUDGET APPROVED	\$3,838,485
PG&E	\$1,830,957
SCE	\$1,408,724
SDG&E	\$ 598,804

PROGRAM DESCRIPTION:

This program, in partnership with grocery wholesalers, provides energy saving information, technical assistance and financial incentive for independent grocers to purchase and install energy efficient lighting, heating, ventilation, air conditioning, and refrigeration systems. The partnership will place an energy efficiency expert at the wholesaler to level the playing field with the large grocery chains that have in-house efficiency services. This will also build trust and bring the program to hard-to-reach, independent grocers. The program will also develop upstream relationships with equipment manufacturers and contractors.

PROGRAM MODIFICATIONS:

We require the following modifications for this program:

1. For the final 15% payment:

5%	Retrofit 525 buildings with energy efficiency measures, 20% of which shall be outside of the large urban areas of San Jose, San Francisco, Oakland, Los Angeles and San Diego.
2%	Initial audits for 1,050 independent grocers
5%	272, 000,000 kWh are saved
2%	Technical consultations for 525 buildings
1%	Training 120 contractors

2. Include a method to prevent double dipping of incentives for participants in your program.

Proctor Engineering Group, Ltd. – No. 290-02

PROGRAM TITLE:	CheckMe! in Southern California Edison Company's (SCE) Territory
PROGRAM IMPLEMENTER(S):	Proctor Engineering Group, Ltd.
SUBCONTRACTOR(S):	None specified (except individual Heating, Ventilation, Air Conditioning contractors to be enrolled in the CheckMe! program)
IOU SERVICE TERRITORY:	SCE
GEOGRAPHIC AREA:	Hotter climate areas + underserved populations
TARGET MARKET:	Cross cutting, targeting hard-to reach customers
IOU CONTRACT ADMINISTRATOR:	SCE
BUDGET APPROVED	\$2,852,381

PROGRAM DESCRIPTION:

This outreach and incentive program targets heating, ventilation, and air conditioning systems (HVAC) contractors for training in duct sealing and air conditioning testing and tune-up. Subsequent to the training contractors will be dispatched to hard-to-reach residential and small commercial customers whose HVAC systems are suspected of being in need of tuning/sealing. The program combines contractor training with a commitment to high volume quality-controlled upgrading of existing and mostly maladjusted HVAC equipment.

PROGRAM MODIFICATIONS:

Due to similarity in the targeted areas of this proposal with the Residential Duct Services (RDS) Program of Energy Analysis Technologies, Inc. and as a precaution against double dipping, we require that the proposed program be conducted in climate zones 10, 14 and 15 (leaving zones 9 & 13 for RDS).

Quantum Consulting Inc – No. 106-02

PROGRAM TITLE:	Municipal Wastewater Retro-Commissioning and Process Optimization Program
PROGRAM IMPLEMENTER(S):	Quantum Consulting Inc.
SUBCONTRACTOR(S):	BacGen Technologies
IOU SERVICE TERRITORY:	Pacific Gas & Electric (PG&E)
GEOGRAPHIC AREA:	Central Valley
TARGET MARKET:	Nonresidential Retrofit/Process Overhaul/Hard-to-Reach rural small and medium size facilities
IOU CONTRACT ADMINISTRATOR:	PG&E
BUDGET APPROVED	\$952,381

PROGRAM DESCRIPTION:

This is an incentive program, which targets small to medium sized wastewater treatment facilities for process optimization. Quantum and BacGen have jointly devised a protocol for installing monitoring equipment with which to model biological parameters in the wastewater treatment facility, which then allows for the aeration equipment to be turned down enough to save approximately 40% of the energy. This program offers a combination of substantial electricity savings, innovative program design, a commitment to hard-to-reach customers whose ability to diagnose and finance the necessary process changes is severely limited, and an approach with a persuasive track record of successful energy savings in PG&E service territory.

PROGRAM MODIFICATIONS:

The approved budget for this program is substantially less than the original proposed budget of \$1,605,150. We require Quantum Consulting, Inc. to provide detailed allocation of the approved budget, including performance targets.

Quantum Consulting Inc. – No. 107-02

PROGRAM TITLE:	Municipal Wastewater Retro-Commissioning and Process Optimization Program
PROGRAM IMPLEMENTER(S):	Quantum Consulting Inc.
SUBCONTRACTOR(S):	BacGen Technologies
IOU SERVICE TERRITORY:	Southern California Edison Company (SCE)
GEOGRAPHIC AREA:	Central Valley
TARGET MARKET:	Nonresidential Retrofit/Process Overhaul/Hard-to-Reach rural small and medium size facilities
IOU CONTRACT ADMINISTRATOR:	SCE
BUDGET APPROVED	\$1,528,714

PROGRAM DESCRIPTION:

This is an incentive program that targets small to medium sized wastewater treatment facilities for process optimization. Quantum and BacGen have jointly devised a protocol for installing monitoring equipment with which to model biological parameters in the wastewater treatment facility, which then allows for the aeration equipment to be turned down enough to save approximately 40% of the energy. This program offers a combination of substantial electricity savings, innovative program design, a commitment to hard-to-reach customers whose ability to diagnose and finance the necessary process changes is severely limited, and an approach with a persuasive track record of successful energy savings in PG&E service territory.

Quantum Consulting – No. 174-02

PROGRAM TITLE:	The Oakland Energy Partnership Program
PROGRAM IMPLEMENTER(S):	Quantum Consulting City of Oakland Steering Committee, Mayor Brown, Chair
SUBCONTRACTOR(S):	Community Energy Services Corporation Strategic Energy Innovations Lawrence Berkeley National Laboratory Nexant, Inc. Energy Systems Laboratories at Texas A&M University and the University of Nebraska Facility Dynamic Engineering Energy Solutions kW Engineering TMT Associates Proctor Engineering Group Aeroseal Inc. Xenergy, Inc.
IOU SERVICE TERRITORY:	Pacific Gas and Electric Company (PG&E)
GEOGRAPHIC AREA:	City of Oakland
TARGET MARKET:	Cross-Cutting
IOU CONTRACT ADMINISTRATOR:	PG& E
BUDGET APPROVED	\$6,052,498

PROGRAM DESCRIPTION:

This program targets existing downtown commercial buildings/small businesses, single and multifamily residences, residential and commercial new construction, and research and development. This program comprises of six components:

- (1) Large Commercial Building Tune-Up - provides retro commissioning services and Energy Management Plans for medium and large commercial buildings located in Oakland.
- (2) Energy Efficiency Design Assistance - provides customized energy efficiency design assistance at no cost to property owners, developers, and designers involved with the new construction or renovation/retrofit of existing buildings located within the City of Oakland.
- (3) CheckMe! High Efficiency Air Conditioner Tune-Up - ensures that existing air conditioning systems are operating at their design efficiency, and are tuned the design capacity.

(4) High-Tech Duct Improvement component - improves the energy efficiency of duct systems in residences and light commercial buildings in Oakland through use of emerging technology, Aeroseal, which works by pressuring ductwork with a fog of small sealant particles.

(5) Direct Install Small Commercial- adopts a turnkey approach in which marketing, energy education, site-specific energy analysis, financial incentives, equipment procurement, and installation are provided.

(6) Street and Area Lighting Demonstration – installs highly efficient electronic ballasts; a total of 1400 outdoor lights will be installed with either 100, 150, or 200 watt lamps.

PROGRAM MODIFICATIONS:

Nine components to this program were proposed, but only six were chosen for funding. Program funds shall not be used to fund the MaxBis, Oakland Youth Retrofit, nor Multi Family Outreach proposed components.

RLW Analytics, Inc. – No. 125-02

PROGRAM TITLE:	The Energy Savers Program
PROGRAM IMPLEMENTER(S):	RLW Analytics, Inc., Small Business Energy Alliance (created by ASW Engineering), and Sonoma State University
SUBCONTRACTOR(S):	Will work with local subcontractors – none listed
IOU SERVICE TERRITORY:	Pacific Gas & Electric Company (PG&E)
GEOGRAPHIC AREA:	Sonoma, Napa, and Lake Counties
TARGET MARKET:	Very small to medium nonresidential hard-to-reach business customers (50% very small, 25% small, and 25% medium)
IOU CONTRACT ADMINISTRATOR:	PG&E
BUDGET APPROVED	\$1,904,762

PROGRAM DESCRIPTION:

This program offers energy efficiency education, no cost energy audits. It also offers incentives for energy efficient lighting, programmable thermostats, and air conditioning/refrigeration tune-ups for hard-to-reach very small to medium nonresidential rural customers in Sonoma, Napa, and Lake counties. This program targets nonresidential hard-to-reach customers with a comprehensive plan that offers technical support, outreach, bulk procurement, quality assurance, and is based on the successful energy savers turnkey program that was utilized in Edison's territory.

PROGRAM MODIFICATIONS:

The approved budget for this program is substantially less than the original budget of \$2,708,858. We require the program sponsors to provide detailed allocation of the approved budget, including revised performance targets.

Richard Heath and Associates, Inc. (RHA) – No. 287-02

PROGRAM TITLE:	Mobile Home Energy Efficiency and Education Program
PROGRAM IMPLEMENTER(S):	Richard Heath & Associates
SUBCONTRACTOR(S):	MAAC Project, Campesinos Unidos, RESCO, Western Insulation, Capital State Construction
IOU SERVICE TERRITORY:	San Diego Gas & Electric Company (SDG&E)
GEOGRAPHIC AREA:	SDG&E Territory
TARGET MARKET:	Residential mobile homes
IOU CONTRACT ADMINISTRATOR:	SDG&E
BUDGET APPROVED	\$1,514,616

PROGRAM DESCRIPTION:

This is an information, education, and incentive program for residential mobile home customers. The program uses mail, community based organizations, mobile home park management, and face-to-face outreach to contact mobile home residents. Once contacted, residents are offered energy efficiency education, an energy audit, and a comprehensive package of direct install energy efficiency measures including lighting, low flow showerheads, faucet aerators, water heater and pipe insulation, infiltration measures, and duct sealing at no cost.

PROGRAM MODIFICATIONS:

This program offers second refrigerator recycling as part of the package of no cost energy efficiency measures. We will maintain uniformity in administration and incentive levels for refrigerator recycling in California, and require the proposer of this program to refer customers to the statewide program for refrigerator recycling. We have accordingly reduced the budget by \$32,164 to reflect the removal of the refrigerator recycling from this program. Additionally, we reduce the program budget by \$117,319 because of subcontractor profit margins, warehouse and handling costs associated with the removal of refrigerator recycling, and mark-ups on rebated equipment. The revised total budget for this program is \$1,590,347. Reductions in the budget should not affect the targeted number of measure installations.

Richard Heath and Associates, Inc. (RHA) – No. 179-02

PROGRAM TITLE:	Small Nonresidential Energy fitness program to Hard-to-Reach PG&E Customers (SNEF Program)
PROGRAM IMPLEMENTER(S):	Richard Heath and Associates, Inc. (RHA)
SUBCONTRACTOR(S):	Regional Economic Resources, Inc.
IOU SERVICE TERRITORY:	Pacific Gas & Electric Company (PG&E)
GEOGRAPHIC AREA:	Rural Central Valley (greater Fresno) and Northern Sacramento Valley (Chico) areas
TARGET MARKET:	Very small to medium nonresidential hard-to-reach customers
IOU CONTRACT ADMINISTRATOR:	PG&E
BUDGET APPROVED	\$1,904,762

PROGRAM DESCRIPTION:

This program offers information, outreach, and incentives. It targets hard-to-reach very small and small nonresidential customers in rural Central Valley and Northern Sacramento Valley areas. The program would provide on-site energy education, customized energy goals, and follow-up services (including financing, applying for Express rebates, quarterly newsletter, and monthly utility bill analysis). This program makes a commitment to follow short and long term energy savings for each customer; it utilizes local organizations for outreach and marketing; and would provide recommendations and assistance to access incentives from other energy efficient program.

PROGRAM MODIFICATIONS:

The program was proposed for both the Rural Central Valley (greater Fresno) and Northern Sacramento Valley (Chico), with a total budget of \$5,285,561. We recommend implementing the program only in the Northern Sacramento Valley, with a reduced budget of \$1,904,762. We require RHA to provide a revised itemized budget and performance goals. Additionally, RHA needs to readdress the situation wherein RHA provides the customers with both audit and bid for installation; RHA should also advise the customers to obtain additional bids from other parties.

Rita Norton and Associates, LLC – No. 182-02

PROGRAM TITLE:	South Bay Communities and Affiliates Energy Efficiency Program
PROGRAM IMPLEMENTER(S):	Rita Norton and Associates, LLC
SUBCONTRACTOR(S):	ASW Engineering Management Consultants, Inc.
IOU SERVICE TERRITORY:	Southern California Edison Company (SCE) Southern California Gas Company (SCG)
GEOGRAPHIC AREA:	South Bay Communities
TARGET MARKET:	Residential comprehensive retrofit
IOU CONTRACT ADMINISTRATOR:	SCE; SCG
BUDGET APPROVED	\$1,904,762
SCE:	\$1,276,190
SCG:	\$ 628,571

PROGRAM DESCRIPTION:

This program provides energy efficiency information and incentives to the residential and/or their landlords to implement energy efficiency measures. The incentives will be in the form of coupon and coupon redemption process that will be designed, managed, and implemented by participating local government agencies and community-based organizations.

PROGRAM MODIFICATIONS:

The proposal contains two components: South Bay Communities and Affiliates Energy Efficiency Program (SBCA), a local, cross cutting, residential outreach and marketing, and Non-Residential Comprehensive Retrofit, with a total budget of \$17,639,000. We approve only the SBCA Program, with a total budget of \$1,904,762; out of this total budget, \$1, 276,190 is to be funded from electric public goods charge (PGC) funds and \$628,571 from gas PGC funds. Accordingly, Rita Norton and Associates, LLC should provide revised itemized budget, total resource cost value, and performance goals.

SBW Consulting, Inc. – No. 97-02

PROGRAM TITLE:	Compressed Air Management Program (CAMP)
PROGRAM IMPLEMENTER(S):	SBW Consulting, Inc.
SUBCONTRACTOR(S):	The Draw Group; Rogers Machinery; Accurate Air Engineering; K.C. Compressor Works; Ridge & Associates (for Measurement & Verification)
IOU SERVICE TERRITORY:	Pacific Gas & Electric Company (PG&E)
GEOGRAPHIC AREA:	All
TARGET MARKET:	Nonresidential – Industrial
IOU CONTRACT ADMINISTRATOR:	PG&E
BUDGET APPROVED	\$1,569,524

PROGRAM DESCRIPTION:

This program provides a free measurement –based assessment of compressed air usage system and potential for upgrades to plant managers in targeted industries in the PG&E service territory. Two types of rebates are offered to participating industries: (1) to help offset the costs of efficiency improvements, and (2) to encourage ongoing (three-year) maintenance procedures. It builds on successful 2001 program efforts implemented by PG&E and SBW Consulting, Inc.

PROGRAM MODIFICATIONS:

The proposal was initially for the SCE territory as well as PG&E, but was accepted for PG&E territory only.

City of San Diego – No. 284-02

PROGRAM TITLE:	Whole House Energy Retrofit Program
PROGRAM IMPLEMENTER(S):	City of San Diego
SUBCONTRACTOR(S):	
IOU SERVICE TERRITORY:	San Diego Gas & Electric Company (SDG&E)
GEOGRAPHIC AREA:	City of San Diego
TARGET MARKET:	Residential, Pre- 1978 built homes
IOU CONTRACT ADMINISTRATOR:	SDG&E
BUDGET APPROVED	\$1,448,946

PROGRAM DESCRIPTION:

This is primarily an incentive program for residential customers in the City of San Diego. The program offers a prescriptive rebate for customers who install a comprehensive package of energy efficiency measures in their home. The incentive will be offered as an addition to the statewide rebates available for individual energy efficiency measures, but will itself only be offered for installation of the entire package of measures. Information and education on energy efficiency are also offered as part of the outreach portion of this program. The targeted customers for this program are residential homeowners living in houses constructed prior to 1978 who typically have a high potential for energy savings. Outreach will be directed toward customers applying for addition or remodeling permits for their homes, and customers in low-income areas.

San Diego Gas & Electric Company (SDG&E) – No. 66-02

PROGRAM TITLE:	EZ Turnkey Program
PROGRAM IMPLEMENTER(S):	San Diego Gas & Electric Company (SDG&E)
SUBCONTRACTOR(S):	
IOU SERVICE TERRITORY:	SDG&E
GEOGRAPHIC AREA:	SDG&E Service Territory
TARGET MARKET:	Non-Residential/Small Business
IOU CONTRACT ADMINISTRATOR:	
BUDGET APPROVED	\$900,000

PROGRAM DESCRIPTION:

This incentive program offers rebates for various small business energy efficiency measures including, lighting, heating, ventilation, air conditioning, and windows. Customers are eligible for this program once they have completed an energy audit provided by SDG&E's Small Business Assessments Program.

PROGRAM MODIFICATIONS:

We recommend an increase in the budget for this program in conjunction with the budget for the Small Business Energy Assessments program to increase the availability of audits and the resulting rebates for small businesses in the SDG&E territory. This program should be coordinated with SDG&E Small Business Energy Assessments program and the associated SDREO San Diego Region Small Business Direct Install program, with respect to marketing, incentive levels, and customer participation databases. We require that a description of this coordination plan be provided in this program's implementation plan.

San Diego Gas & Electric Company (SDG&E) – No. 70-02

PROGRAM TITLE:	Energy Code Training
PROGRAM IMPLEMENTER(S):	San Diego Gas & Electric Company (SDG&E)
SUBCONTRACTOR(S):	Not yet selected
IOU SERVICE TERRITORY:	SDG&E
GEOGRAPHIC AREA:	SDG&E Territory
TARGET MARKET:	Cross cutting/New construction
IOU CONTRACT ADMINISTRATOR:	
BUDGET APPROVED	\$200,000

PROGRAM DESCRIPTION:

This education program provides training to the builders, developers, contractors, planners, architects, engineers, sales agents, and other industry professionals. The curriculum under this program will cover education of new Title 24 code requirements, energy efficiency measure installation training, code and new construction software training, and energy efficient new construction sales training.

PROGRAM MODIFICATIONS:

We recommend that the budget for this program be increased to allow for more seminars to be offered under this program. The original proposal for this program proposed 23 training seminars. The program implementation plans should provide a revised seminar schedule to reflect the increase in funding available for this program.

San Diego Gas & Electric Company (SDG&E) – No. 63-02

PROGRAM TITLE:	Hard-to-Reach Lighting Turn In
PROGRAM IMPLEMENTER(S):	San Diego Gas & Electric Company (SDG&E)
SUBCONTRACTOR(S):	None
IOU SERVICE TERRITORY:	SDG&E
GEOGRAPHIC AREA:	SDG&E Service Territory
TARGET MARKET:	Residential program targeted at HTR customers
IOU CONTRACT ADMINISTRATOR:	
BUDGET APPROVED	\$433,000

PROGRAM DESCRIPTION:

This incentive based program targets hard-to-reach residential customers through lighting turn in events at hospitals, churches, senior centers, and other community events. Participants in this program are given a free energy efficient compact fluorescent lamp (CFL) bulb or torchiere fixture in exchange for an inefficient bulb or torchiere fixture. For hard-to-reach customers who are home bound, the program also partners with “Meals on Wheels” to provide this turn-in opportunity as part of their meal delivery service.

PROGRAM MODIFICATIONS:

We reduce the budget by \$17,000 (for subcontractor costs) because Section 8. “Qualifications” lists that the program does not involve any subcontractors.

San Diego Gas & Electric Company (SDG&E) – No. 64-02

PROGRAM TITLE:	In-Home Audits
PROGRAM IMPLEMENTER(S):	San Diego Gas & Electric Company (SDG&E)
SUBCONTRACTOR(S):	
IOU SERVICE TERRITORY:	SDG&E
GEOGRAPHIC AREA:	SDG&E Service Territory
TARGET MARKET:	Residential, hard-to-reach customers targeted
IOU CONTRACT ADMINISTRATOR:	
BUDGET APPROVED	\$150,000

PROGRAM DESCRIPTION:

This residential information and outreach program targets hard-to-reach customers. The program provides web-based, in-home energy audits to residential customers who are not expected to participate in web-based or mail-in audits on their own. Customers who participate in the audit receive a free compact fluorescent lamp (CFL) bulb and are provided information on statewide rebate programs and education services offered to them.

PROGRAM MODIFICATIONS:

We recommend that this program be targeted to low-income, and non-english speaking customers who are unlikely to have web access.

San Diego Gas & Electric Company (SDG&E) – No. 65-02

PROGRAM TITLE:	Small Business Energy Assessments Program
PROGRAM IMPLEMENTER(S):	San Diego Gas & Electric Company (SDG&E)
SUBCONTRACTOR(S):	
IOU SERVICE TERRITORY:	SDG&E
GEOGRAPHIC AREA:	SDG&E Service Territory
TARGET MARKET:	Non-residential/Small Businesses
IOU CONTRACT ADMINISTRATOR:	
BUDGET APPROVED	\$417,000

PROGRAM DESCRIPTION:

This education and outreach program provides energy audits and no cost/low cost energy efficiency services to small business customers. This program targets traditionally hard-to-reach small businesses in non-english speaking, and low-income areas. On-site audit results will be used to provide recommendations for energy efficiency improvements for small businesses. At the time of the audits, participants will be provided certain on-site no-cost/low-cost energy efficiency improvements, as well as information on SDG&E's EZ Turnkey program. The EZ Turnkey program provides rebates for energy efficiency measures adopted by small businesses as a result of the energy audit.

PROGRAM MODIFICATIONS:

We recommend an increase in the budget for this program in conjunction with the budget for the EZ Turnkey program to increase the availability of audits and the resulting rebates for small businesses in the SDG&E territory. This program should be coordinated with SDG&E Small Business Energy Assessments program and the associated SDREO San Diego Region Small Business Direct Install program, with respect to marketing, incentive levels, and customer participation databases. We require that a description of this coordination plan be provided in this program's implementation plan.

San Diego Regional Energy Office (SDREO) – No. 304-02

PROGRAM TITLE:	San Diego Region Agriculture, Water, and Energy Program
PROGRAM IMPLEMENTER(S):	San Diego Regional Energy Office
SUBCONTRACTOR(S):	HDR Engineering, Inc., Tetra Tech EMI, Inc., Alternative Energy Systems Consulting
IOU SERVICE TERRITORY:	San Diego Gas & Electric Company (SDG&E)
GEOGRAPHIC AREA:	SDG&E Territory
TARGET MARKET:	Agriculture, Water Agencies, and High Volume Water Users
IOU CONTRACT ADMINISTRATOR:	SDG&E
BUDGET APPROVED	\$524,097

PROGRAM DESCRIPTION:

This program provides energy efficiency information and education to agricultural customers, water agencies, and high volume water users. Certain targeted customers will also receive energy audits and economic feasibility studies for their facilities. The program will evaluate motor, pump, and blower use in water-related processes such as water irrigation pumps, sewage lift station pumps, and aeration blowers.

PROGRAM MODIFICATIONS:

We recommend that this program target only water agencies and high volume water users, so as not to overlap with another program that will be running in the San Diego region that will be targeting agricultural customers. We have reduced the budget accordingly to reflect reduction in targeted market segments.

San Diego Regional Energy Office (SDREO) – No. 303-02

PROGRAM TITLE:	San Diego Region Cool Communities Shade Tree Program Proposal
PROGRAM IMPLEMENTER(S):	San Diego Regional Energy Office (SDREO)
SUBCONTRACTOR(S):	People for Trees Center for Urban Forestry Research, UC Davis
IOU SERVICE TERRITORY:	
GEOGRAPHIC AREA:	Not specified
TARGET MARKET:	Cross-cutting: single family detached homes, mobile homes, small businesses, schools
IOU CONTRACT ADMINISTRATOR:	San Diego Gas & Electric Company (SDG&E)
BUDGET APPROVED	\$744,941

PROGRAM DESCRIPTION:

San Diego Regional Energy Office (SDREO) will run this incentive-based program. People for Trees and the Center for Urban Forestry Research will assist SDREO in facilitating and supporting shade tree planting in residential neighborhoods, on school grounds and over small businesses. The guidelines established under a similar program run by the Sacramento Municipal Utility District will be followed. There is ample evidence that shade tree programs significantly reduce a building's cooling load, while providing a number of ancillary benefits, such as water conservation.

PROGRAM MODIFICATIONS:

In response to a data request from the Energy Division, SDREO submitted a revised budget that reduced the total amount they are seeking from \$890,085 to \$744,941. We are accepting their revised budget amount.

San Diego Regional Energy Office (SDREO) – No. 301-02

PROGRAM TITLE:	San Diego Region Energy Resource and Education Center (SDERC) File# 301-02
PROGRAM IMPLEMENTER(S):	San Diego Regional Energy Office (SDREO)
SUBCONTRACTOR(S):	None identified
IOU SERVICE TERRITORY:	San Diego Gas & Electric Company (SDG&E)
GEOGRAPHIC AREA:	
TARGET MARKET:	Cross-cutting
IOU CONTRACT ADMINISTRATOR:	SDG&E
BUDGET APPROVED	\$1, 805,107

PROGRAM DESCRIPTION:

San Diego Regional Energy Office (SDREO) will run this program. With the proposed budget, SDREO will open an Energy Center (SDERC) in San Diego, similar to the Pacific Energy Center. The Center will hold workshops, provide a centralized venue for all matters energy efficiency and provide services for seeking out and processing paperwork for financing opportunities. The two primary elements proposed are: (1) an Energy Learning Center, and (2) a Technology Center.

PROGRAM MODIFICATIONS:

In response to a data request from the Energy Division, SDREO submitted a revised budget that reduced the total amount they are seeking from \$2,195,519 to \$1,805,107. We are accepting their revised budget amount. Given that the facility leased to house the Energy Center will also house SDREO, with 2,500 of 6,000 square feet dedicated to SDERC, we will expect the Regional Energy Office to foot at least 50% of the bill for the lease, facility improvements and to fully fund any items that will primarily benefit the SDREO “wing” or operations on its own. Accordingly, any reductions in those budget items should be redirected toward SDERC program activities and this reallocation should be presented in the Program Implementation Plan.

San Diego Regional Energy Office (SDREO) – No. 300-02

PROGRAM TITLE:	San Diego Public Agency Information and Technical Support Program File# 300-02
PROGRAM IMPLEMENTER(S):	San Diego Regional Energy Office (SDREO)
SUBCONTRACTOR(S):	Not identified
IOU SERVICE TERRITORY:	San Diego Gas & Electric Company (SDG&E)
GEOGRAPHIC AREA:	All Public Agencies in SDG&E Territory – special emphasis on Chula Vista, San Ysidro, National City
TARGET MARKET:	Cross-cutting: Public Agencies and their Constituents Local Governmental Initiatives/Codes and Standards Support (excluding water districts)
IOU CONTRACT ADMINISTRATOR:	SDG&E
BUDGET APPROVED	\$910,402

PROGRAM DESCRIPTION:

This program utilizes strategies of information, education and technical assistance to foster the adoption of energy efficiency measures by local public agencies and their constituents. The following are the components of the proposed program: (a) assist local governments in their development of comprehensive energy management strategies; (b) provide technical support for local government energy projects; (c) assist local governments in their implementation of energy projects; (d) educate local governments as to their energy efficiency options; and (e) assess the need for additional measures. While all public agencies will be eligible participants, special outreach efforts will be made toward jurisdictions with larger hard-to-reach populations including Chula Vista, San Ysidro and National City.

PROGRAM MODIFICATIONS:

We recommend that all website and database materials that are developed be made available to the public at large. In response to a data request from the Energy Division, SDREO submitted a revised budget that reduced the total amount they are seeking from \$1,014,048 to \$955,922. We are accepting their revised budget amount.

San Diego Regional Energy Office – No. 306-02

PROGRAM TITLE:	San Diego K-12 Energy Education Program
PROGRAM IMPLEMENTER(S):	San Diego Regional Energy Office
SUBCONTRACTOR(S):	Alliance to Save Energy
IOU SERVICE TERRITORY:	San Diego Gas & Electric Company (SDG&E)
GEOGRAPHIC AREA:	SDG&E Service Territory
TARGET MARKET:	Non-Residential/Small Comprehensive Retrofit
IOU CONTRACT ADMINISTRATOR:	SDG&E
BUDGET APPROVED	\$429,676

PROGRAM DESCRIPTION:

This information program expands the Alliance to Save Energy “Green Schools” program to six high schools and six middle schools in the San Diego region. Emphasis will be placed on recruiting schools in hard-to-reach rural areas and border towns. This program focuses on (a) including students and school facility staff on Energy Action Teams that will conduct school audits, and (b) the development of energy-based curricula and materials and training students to be certified student energy monitors.

PROGRAM MODIFICATIONS:

In response to a data request from the Energy Division, SDREO submitted a revised budget from \$458,660 to \$429,676. We are accepting SDREO’s revised budget amount.

San Diego Regional Energy Office (SDREO) – No. 305-02

PROGRAM TITLE:	San Direct Direct Install Small Commercial Program
PROGRAM IMPLEMENTER(S):	San Diego Regional Energy Office (SDREO)
SUBCONTRACTOR(S):	Xenergy
IOU SERVICE TERRITORY:	San Diego Gas & Electric Company (SDG&E)
GEOGRAPHIC AREA:	Economically Distressed Areas
TARGET MARKET:	Small Commercial
IOU CONTRACT ADMINISTRATOR:	SDG&E
BUDGET APPROVED	\$1,724,367

PROGRAM DESCRIPTION:

This program provides a comprehensive package of energy efficiency measures through a “turn-key” approach. Small commercial customers in economically distressed areas are the target market for this program. Marketing for this program will come primarily from door-to-door outreach. Participating customers will be provided with an energy audit to identify energy saving opportunities within their business, as well as demonstrate the energy savings they can achieve through these proposed opportunities. Once customers agree to undertake an energy saving retrofit of their business they will be given an appointment for the retrofit. Once the retrofit work is done, participants will receive significant rebates for the measures they install.

PROGRAM MODIFICATIONS:

We reduce the original budget from \$2,047,500 to \$1, 724,367. SDREO should reflect this budget reduction, and its subsequent effects on program targets, in its implementation plan. This program is very similar in nature to SDG&E’s *EZ-Turnkey Program* and *Small Business Assessments Program*; thus, all of these programs should be closely coordinated, with respect to marketing, incentive levels, and customer participation databases. We require that a description of this coordination plan be provided in this program’s implementation plan.

Southern California Edison Company (SCE) – No. 45

PROGRAM TITLE:	Codes and Standards Program
PROGRAM IMPLEMENTER(S):	Southern California Edison Company (SCE)
SUBCONTRACTOR(S):	
IOU SERVICE TERRITORY:	SCE
GEOGRAPHIC AREA:	SCE Territory
TARGET MARKET:	Crosscutting
IOU CONTRACT ADMINISTRATOR:	
BUDGET APPROVED	\$50,000

PROGRAM DESCRIPTION:

The program assists in the process to introduce cost-effective upgrades to the State's energy related codes and standards. The program supports the California Energy Commission's 2003/2005 standard revision process for Titles 24&20. The program's activities include: (a) working with manufacturers and industry to develop test procedures for equipment certification, and (b) providing guidance through educational efforts targeted towards local code officials, contractors, consultants, and other groups that are part of the implementation, administration, and enforcement of new and existing energy codes.

PROGRAM MODIFICATIONS:

We require SCE to provide more detailed budget information specifically on direct implementation costs and to hire an independent, third party evaluation/measurement/verification contractor.

Southern California Edison Company (SCE) – No. 37-02

PROGRAM TITLE:	In Home Energy Surveys Program
PROGRAM IMPLEMENTER(S):	Southern California Edison Company (SCE)
SUBCONTRACTOR(S):	
IOU SERVICE TERRITORY:	SCE
GEOGRAPHIC AREA:	Coachella, San Joaquin Valley
TARGET MARKET:	Residential
IOU CONTRACT ADMINISTRATOR:	
BUDGET APPROVED	\$700,000

PROGRAM DESCRIPTION:

This program provides in-home energy surveys to hard-to-reach Latino residential customers and to rural customers, who respond poorly to offers of Internet and mail-in audits. After the onsite assessment or phone survey is completed, the auditor provides tips and recommendations on how customers can reduce energy costs and afterwards a report is mailed to customers which provides measures to reduce their usage and save money.

PROGRAM MODIFICATIONS:

We recommend that SCE hire an independent, third party contractor to perform evaluation, measurement and verification. We require SCE to provide more detailed budget information on direct implementation costs.

Southern California Edison Company (SCE) – No. 40-02

PROGRAM TITLE:	Local Small Nonresidential Hard to Reach Program
PROGRAM IMPLEMENTER(S):	Southern California Edison Company (SCE)
SUBCONTRACTOR(S):	
IOU SERVICE TERRITORY:	SCE
GEOGRAPHIC AREA:	SCE Territory
TARGET MARKET:	Crosscutting
IOU CONTRACT ADMINISTRATOR:	
BUDGET APPROVED	\$1,000,000

PROGRAM DESCRIPTION:

This program provides low cost and no cost energy efficient equipment to very small business (under 20 kW) customers with special focus on those economically disadvantaged businesses.

PROGRAM MODIFICATIONS:

We require SCE to provide more detailed budget on marketing, advertising, outreach and activity costs and to hire an independent, third party evaluation/measurement/verification contractor.

Southern California Edison Company (SCE) – No. 43-02

PROGRAM TITLE:	Local Crosscutting Demonstration and Information Transfer
PROGRAM IMPLEMENTER(S):	Southern California Edison Company (SCE)
SUBCONTRACTOR(S):	
IOU SERVICE TERRITORY:	SCE
GEOGRAPHIC AREA:	SCE Territory
TARGET MARKET:	Crosscutting
IOU CONTRACT ADMINISTRATOR:	
BUDGET APPROVED	\$450,000

PROGRAM DESCRIPTION:

The program investigates and promotes energy efficient emerging technology applications to both residential and nonresidential market segments. The design and performance information on the emerging technologies are disseminated through demonstration projects at customer sites.

PROGRAM MODIFICATIONS:

We require SCE to provide more detailed information on (a) the budget, especially on direct implementation costs, and (b) the planned emerging technologies to be introduced to customers. We also require SCE to should hire an independent, third party evaluation/measurement/verification contractor.

Southern California Edison Company (SCE) – No. 44-02

PROGRAM TITLE:	Local Government Initiative
PROGRAM IMPLEMENTER(S):	Southern California Edison Company (SCE)
SUBCONTRACTOR(S):	
IOU SERVICE TERRITORY:	SCE
GEOGRAPHIC AREA:	SCE Territory
TARGET MARKET:	Crosscutting
IOU CONTRACT ADMINISTRATOR:	
BUDGET APPROVED	\$850,000

PROGRAM DESCRIPTION:

This program is designed to educate and provide information to community leaders, local government planners, building officials, builders, building owners, small business owners and consumers about the economic benefits of energy efficiency in the areas of residential and nonresidential new construction, and small business. The program is designed to help local governments build self-sustaining energy efficiency partnerships with their constituents.

PROGRAM MODIFICATIONS:

We require SCE to provide more detailed budget information specifically on direct implementation costs and to hire an independent, third party evaluation/measurement/verification contractor.

Southern California Edison Company (SCE) – No. 42-02

PROGRAM TITLE:	Pump Test and Hydraulic Services Program
PROGRAM IMPLEMENTER(S):	Southern California Edison Company (SCE)
SUBCONTRACTOR(S):	
IOU SERVICE TERRITORY:	SCE
GEOGRAPHIC AREA:	SCE Territory
TARGET MARKET:	Large-Small Nonresidential (agricultural and local water districts)
IOU CONTRACT ADMINISTRATOR:	
BUDGET APPROVED	\$1,930,000

PROGRAM DESCRIPTION:

This program promotes awareness of energy efficiency and its benefits to agricultural businesses, water districts and other high volume users of water. It offers a high quality review of system operations, guides customers in making their energy efficiency decision, and provides them information on rebate programs offered by the utilities and/or private and state agencies.

PROGRAM MODIFICATIONS:

We require SCE to hire an independent, third party evaluation/measurement/verification contractor and to provide measurable performance goals in the implementation plans, i.e. number of planned pumping system tests.

Southern California Gas Company (SCG) – No. 84-02

PROGRAM TITLE:	Diverse Market Outreach Program
PROGRAM IMPLEMENTER(S):	Southern California Gas Company (SCG)
SUBCONTRACTOR(S):	
IOU SERVICE TERRITORY:	SCG
GEOGRAPHIC AREA:	SCG territory
TARGET MARKET:	Residential and crosscutting
IOU CONTRACT ADMINISTRATOR:	
BUDGET APPROVED	\$1,079,000
Residential:	\$ 800,000
Crosscutting:	\$ 270,000

PROGRAM DESCRIPTION:

This program targets hard-to-reach residential and commercial customers. It provides useful information on strategies to conserve energy and helps customers access other available energy conservation resources. The program will promote both utility and non-utility programs, and will connect customers with the variety of additional resources available, including financing and funding resources and non-utility Internet based resources. The program will take a proactive “go-to-customer” approach for customer outreach.

PROGRAM MODIFICATIONS:

We require SCG to provide more detailed budget information on subcontractor costs (a line item under administrative costs), target communication and outreach (a line item under marketing/advertising/outreach costs), and activity costs (under direct implementation costs). SCG should also provide budget breakdown based on the residential and crosscutting categories.

SESCO, INC. – No. 197-02

PROGRAM TITLE:	The Gas-Only Multifamily Efficiency Program
PROGRAM IMPLEMENTER(S):	SESCO, Inc.
SUBCONTRACTOR(S):	Quality Conservation Services, Inc. Energen Controls, Inc.
IOU SERVICE TERRITORY:	Southern California Gas Company (SCG)
GEOGRAPHIC AREA:	Los Angeles, San Bernardino Valley, Anaheim, Glendale, Pasadena, Azusa, Burbank, Banning and Riverside
TARGET MARKET:	Residential Retrofit
IOU CONTRACT ADMINISTRATOR:	SCG
BUDGET APPROVED	\$2,380,952

PROGRAM DESCRIPTION:

This program provides comprehensive residential energy efficiency renovations and retrofits by offering cash incentives and services to multifamily, hard-to-reach customers (both apartment tenants and owner/operators) for the installation of all the measures determined by SCG to be cost effective under its evaluation of the market. The program targets SCG customers who receive electric services from a non-utility company.

PROGRAM MODIFICATIONS:

We reduce the proposed program budget of \$6,801,900 to \$2,380,952. Accordingly, we require SESCO, Inc. to submit revised performance goals reflecting savings and demand reduction. The program should exclude MUNEE area customers who don't contribute into PGC fund.

Southern California Gas Company (SCG) – No. 83-02

PROGRAM TITLE:	Non Residential Financial Incentives Program
PROGRAM IMPLEMENTER(S):	Southern California Gas Company (SCG)
SUBCONTRACTOR(S):	
IOU SERVICE TERRITORY:	SCG
GEOGRAPHIC AREA:	Los Angeles County
TARGET MARKET:	Very small to medium non residential comprehensive retrofit
IOU CONTRACT ADMINISTRATOR:	
BUDGET APPROVED	\$990,000

PROGRAM DESCRIPTION:

This is an incentive/rebate program. The targeted market segments are agricultural, commercial and industrial manufacturing facilities using less than 250,000 therms annually. The program comprises of three components:

- The “Purchase-Apply-Receive Rebate”. Under this component streamlined rebates will be provided to the customers who install one or more identified energy efficiency products.
- The “Nonresidential Equipment Replacement”. This incentive component is limited to “kind-for-kind” replacement of old, inefficient commercial or industrial end-use-gas-fired technology with higher efficiency alternatives.
- The “Nonresidential Energy Conservation”. Under this incentive component, the qualified customers will be provided with a financial incentive to implement comprehensive energy saving commercial building envelope or industrial process changes on a unique, site specific, “case-by-case” basis.

All three components target early replacement of old, inefficient gas-fired equipment used in nonresidential market segment.

Non Residential Financial Incentives Program is an extension of the Statewide Express Efficiency program targeting gas measures that do not lend themselves to the simplified rebate structure of Express Efficiency.

PROGRAM MODIFICATIONS:

We require SCG to provide more budget information on direct implementation costs.

City of Stockton – No. 203-02

PROGRAM TITLE:	Stockton Area Comprehensive Local Proposal
PROGRAM IMPLEMENTER(S):	City of Stockton, InSync Information Services, Energy Solutions, and ASCA Consulting
SUBCONTRACTOR(S):	
IOU SERVICE TERRITORY:	Pacific Gas & Electric Company (PG&E)
GEOGRAPHIC AREA:	Stockton Area
TARGET MARKET:	Nonresidential retrofit, small/medium customers
IOU CONTRACT ADMINISTRATOR:	PG&E
BUDGET APPROVED	\$956,938

PROGRAM DESCRIPTION:

This program offers comprehensive energy efficiency services to hard-to-reach small/medium businesses in the Stockton area. These services include (1) marketing outreach; (2) local vendor/contractor referrals; (3) energy audits, direct installation of energy efficient lighting equipment, quality assurance/post installation inspection; (4) one-stop information source on financing, technical support, and energy efficiency information, and (5) comprehensive audit and implementation assistance for the City of Stockton Ice Arena. The program will utilize local networks and partnerships through the City of Stockton, which gives it a high likelihood of success in reaching out to its target customers.

PROGRAM MODIFICATIONS:

The approved budget for this program is substantially less than the original proposed budget of \$1,472,488. We require the program sponsors to provide detailed allocation of the approved budget, including revised performance targets, in their Program Implementation Plans.

Xenergy – No. 202-02

PROGRAM TITLE:	Comprehensive Compressed Air Program
PROGRAM IMPLEMENTER(S):	Xenergy
SUBCONTRACTOR(S):	Quantum Consulting
IOU SERVICE TERRITORY:	SDGE, SCE
GEOGRAPHIC AREA:	
TARGET MARKET:	Medium, large non-residential customers. (Process Overhaul) (70% of audits reserved for customers with less than 800 kW demand.)
IOU CONTRACT ADMINISTRATOR:	SCE
BUDGET APPROVED:	\$1,524,000
SCE:	\$1,142,857
SDG&E:	\$ 381,143

PROGRAM DESCRIPTION:

This program provides information, audit and implementation on improved efficiency of compressed air systems used in processing and manufacturing facilities. Incentives will address compressor efficiency, correctly sized capacity, treatment of air, improving distribution systems improving other aspects of the system. This program seeks to serve smaller processors that more often focus on production rather than energy savings. This program ties information and audit to implementation, creating a “one step” process.

Xenergy, Inc. – N0. 144-02

PROGRAM TITLE:	Energy Efficient Local Government Partners Program
PROGRAM IMPLEMENTER(S):	Xenergy, Inc.
SUBCONTRACTOR(S):	CA Youth Energy Services, CA Interfaith Power and Light, Brown and Caldwell, Rumsey Engineers, and TMT Associates
IOU SERVICE TERRITORY:	1) Small Commercial HTR Program – PG&E/SCE 2) Residential Youth Direct Install Program – PG&E 3) Wastewater Treatment Prog -PG&E/SCE/SDG&E 4) Green Buildings Design Assistance – PG&E
GEOGRAPHIC AREA:	1) Small Commercial HTR Program – SF Bay Area/Orange County 2) Residential Youth Direct Install Program – primarily SF Bay Area 3) Wastewater Treatment Prog -PG&E/SCE/SDG&E 4) Green Buildings Design Assistance – First year, greater SF Bay Area with concentration in Alameda County. Second year to be determined.
TARGET MARKET:	1) Small Commercial HTR Program – small commercial customers 2) Residential Youth Direct Install Program – residential retrofit and renovation 3) Wastewater Treatment Prog –medium sized plants 4) Green Buildings Design Assistance – commercial civic buildings (fire stations, libraries, courthouses, and community centers)
IOU CONTRACT ADMINISTRATOR:	PG&E
BUDGET APPROVED	\$1,664,565
PG&E	\$ 619,048 (Wastewater Program)
SCE	\$ 346,667 (Wastewater Program)
SCE	\$ 698,850 (Small Commercial HTR Program)

PROGRAM DESCRIPTION:

This proposal offers four programs in various locations in CA as noted above. All programs will have small and medium sized local government involvement. These local governments have not actively participated in prior energy efficient programs. (1) The Small Commercial HTR Program offers a turnkey approach to direct install lighting

measures with some HVAC to the very small and small commercial market (100kW or less). (2) Residential Youth Directed Install Program would use high school and college student to install low cost energy efficiency measures in HTR residential homes. (3) Wastewater Treatment Program will promote operator training, process control optimization, and high-efficiency process upgrade measures through education, audits, financial incentives, process design, equipment procurement, and installation. (4) Green Building Design Assistance utilizes an existing commercial green building program run by the Alameda County Waste Management Authority.

PROGRAM MODIFICATIONS:

The Wastewater Treatment Program was selected for both PG&E and SCE service territories. Xenergy needs to revise its timeframe to complete the final report for this program by February 1, 2004. The Commercial HTR Program was also selected for the SCE service area. None of the other programs were selected for the PG&E or SDG&E service territories.

(END OF ATTACHMENT 3)